## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((si silicon) and rougher and seed). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/06 16:38
S1	4	("6153062" "6183859" "6317299" "66 24985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 11:28
S2	341	(rough\$6 with seed with layer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 11:28
S3	32	"360"/\$.ccls. and S2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 14:14
S4	1	("2003/0011942").URPN.	USPAT	OR	ON	2006/08/01 13:49
S5	1	("6519028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/01 13:50
S6	1	("6519028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/01 13:51
S7	15	("5508866" "5784225" "5811155" "58 69963" "5959810" "6046892" "605226 2" "6118624" "6144534" "6153062" " 6154345" "6159593" "6183859" "6317 299" "6624985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 13:53
S8	1	("6624985").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/01 13:53
S9	1	("2003/0011942").URPN.	USPAT	OR	ON	2006/08/01 14:05
S10	2	09/900688	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 14:14
S11	1	"6519028"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 14:15
S12	2	"2000208845".pn.	JPO; DERWENT	OR	ON	2006/08/01 14:25
S13	10	("5849422" "5850323" "5869963" "58 96252" "6046892" "6411476" "643001 4" "6490140" "6667616" "6674616"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 14:19
S14	8	("5508867"   "5742162"   "5768071"   "6117569"   "6195240").PN. OR ("6430014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:52
S15	9	"19818547" "606750" "2000137906" "2000252548"	JPO; DERWENT	OR	ON	2006/08/01 14:27

## **EAST Search History**

S16	13	("5701223"   "5871622"   "5903415"   "5986858"   "5993566"   "5998016"   "6033491"   "6134090"   "6430014"   "6466418").PN. OR ("6700757"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 14:32
S17	12789224	US "20030011942" A1	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:53
S18	0	("US20030011942A1").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 09:52
S19	1	("20030011942").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 15:34
S20	1	("20050055823").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 15:36
S21	15	("5508866" "5784225" "5811155" "58 69963" "5959810" "6046892" "605226 2" "6118624" "6144534" "6153062" " 6154345" "6159593" "6183859" "6317 299" "6624985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:11
S22	1	("6183859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 11:18
S23	0	"09900688"	JPO; DERWENT	OR	ON	2006/08/03 11:19
S24	0	"09/900688"	JPO; DERWENT	OR	ON	2006/08/03 11:19
S25	1	"20030011942"	JPO; DERWENT	OR	ON	2006/08/03 14:15
S26	22	seed same NiFeCr same (si or silicon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:20
S27	0	seed same NiFeCr same (si or silicon)	JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 14:20
S28	0	seed NiFeCr (si or silicon)	JPO; DERWENT; IBM_TDB	AND	ON	2006/08/03 14:20
S29	11523	seed (si or silicon)	JPO; DERWENT; IBM_TDB	AND	ON	2006/08/03 14:21
S30	3107	seed with (si or silicon)	JPO; DERWENT; IBM_TDB	AND	ON	2006/08/03 14:21

## **EAST Search History**

014			r		
814	seed with (si or silicon) with layer	JPO; DERWENT; IBM_TDB	AND	ON	2006/08/03 14:21
3	seed with (si or silicon) with layer with antiferromagnetic	JPO; DERWENT; IBM_TDB	AND	ON	2006/08/03 14:24
34	((Ni or nickel) with (Fe or iron) with (Cr or chromium)) with seed with (Si or silicon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:31
1	("6183859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 14:36
301	seed adj layer with NiFeCr	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:41
13	(seed adj layer with NiFeCr) same si	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:38
23	(si or silicon) with NiFeCr	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:47
1	("6667616").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 14:47
	34 1 301 13 23	seed with (si or silicon) with layer with antiferromagnetic  ((Ni or nickel) with (Fe or iron) with (Cr or chromium)) with seed with (Si or silicon)  ("6183859").PN.  seed adj layer with NiFeCr  (seed adj layer with NiFeCr) same si  (si or silicon) with NiFeCr	3 seed with (si or silicon) with layer with antiferromagnetic  34 ((Ni or nickel) with (Fe or iron) with (Cr or chromium)) with seed with (Si or silicon)  1 ("6183859").PN.  301 seed adj layer with NiFeCr  13 (seed adj layer with NiFeCr) same si  14 (seed adj layer with NiFeCr)  25 (si or silicon) with NiFeCr  26 (Si or silicon) with NiFeCr  27 ("6667616").PN.  DERWENT; IBM_TDB  US-PGPUB; US-P	3 seed with (si or silicon) with layer with antiferromagnetic  34 ((Ni or nickel) with (Fe or iron) with (Cr or chromium)) with seed with (Si or silicon)  1 ("6183859").PN.  301 seed adj layer with NiFeCr  13 (seed adj layer with NiFeCr) same si  14 (seed adj layer with NiFeCr) same si  15 (si or silicon) with NiFeCr  16 (si or silicon) with NiFeCr  17 ("6667616").PN.  30 DERWENT; IBM_TDB  34 US-PGPUB; US-PGPUB; OR US-PGPUB; US-PGPU	3 seed with (si or silicon) with layer with antiferromagnetic  34 ((Ni or nickel) with (Fe or iron) with (Cr or chromium)) with seed with (Si or silicon)  1 ("6183859").PN.  301 seed adj layer with NiFeCr  13 (seed adj layer with NiFeCr) same si  14 (seed adj layer with NiFeCr)  25 (si or silicon) with NiFeCr  26 (si or silicon) with NiFeCr  27 ("6667616").PN.  DERWENT; IBM_TDB  DOR  US-PGPUB; OR  US-PGPU